

9

$$256 \div 8 = 32$$



$$48 \times 7 = 336$$

Texas STAAR

GRADE 4

MATH

PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



**9 FULL-LENGTH
PRACTICE TESTS**



**STANDARDS-ALIGNED
REVIEW**



**MIXED PRACTICE
BUILD SKILLS & CONFIDENCE**



**ANSWER KEY
FOR ALL TESTS**



$$\frac{3}{4} + \frac{1}{4} = 1$$



$$725 - 358 = 367$$

PREPARE
PRACTICE
SUCCEED
PERFORM

**PRACTICE TODAY.
SUCCEED TOMORROW.**

9 Texas STAAR Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Nine complete 30-question Grade 4 practice rounds for STAAR, built around wide ranch roads, city lights, and bold math stamina, with answer keys and clear explanations for every item.

Jay Daie and Reza Nazari



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Welcome, Texas Math Explorer!

Nine steady rounds on the Lone Star math route

This book gives you nine full Grade 4 practice tests for STAAR. Each round uses wide ranch roads, city lights, and bold math stamina to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Texas Practice Promise

I will slow down for the question, circle what matters, solve one step at a time, and use mistakes as clues for getting stronger.

Read

Plan

Check

How to Use This Book

A ten-session routine for Texas STAAR review

1. **Preview the skills.** Read the quick review pages before the first test.
2. **Take one test at a time.** Treat each round like a stop on the Lone Star math route.
3. **Mark your confidence.** Put a small star beside problems you solved with a strong plan.
4. **Check, then retry.** For missed questions, try the problem again before reading the explanation.
5. **Track your next move.** Use the growth log to name one habit and one skill for the next test.

Good rhythm: Test one day, correct carefully the next day, then return for the next round when your corrections feel clear.



What Is Inside?

Nine tests, 270 questions, and a full STAAR review path

Part	What You Will Practice
Tests 1–3	Warm-up rounds for reading carefully, choosing operations, and using models.
Tests 4–6	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 7–9	Stamina rounds for mixed review, neat work, and flexible strategies.
Answer Pages	Compact keys and explanations that show why each answer works.

The tests are mixed on purpose. Real test readiness means recognizing the skill even when the next question changes topic.

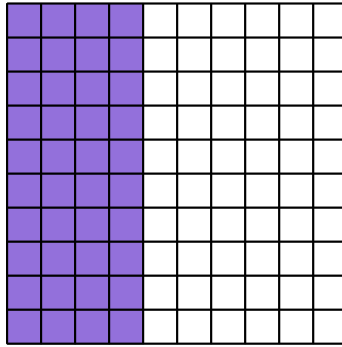


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& answers

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1) Approximately what decimal is represented by the shaded portion?



A. 0.40

C. 0.44

B. 0.04

D. 0.60

2) Which fractions are greater than $\frac{1}{2}$?

A. $\frac{4}{10}$ and $\frac{3}{8}$

C. $\frac{2}{5}$ and $\frac{3}{6}$

B. $\frac{5}{8}$ and $\frac{6}{10}$

D. $\frac{1}{3}$ and $\frac{2}{4}$

3) Which is a prime number between 30 and 40?

A. 32

C. 37

B. 35

D. 39

4) Which number sentence does NOT represent a correct multiple?

A. $2 \times \frac{1}{8} = \frac{2}{8}$

C. $4 \times \frac{1}{6} = \frac{4}{12}$

B. $3 \times \frac{1}{5} = \frac{3}{5}$

D. $5 \times \frac{1}{3} = \frac{5}{3}$



5) Round 56,841 to the nearest thousand.

- A. 56,000 C. 56,800
 B. 60,000 D. 57,000

6) A clock hand rotates from 12 o'clock to 3 o'clock (a 90° rotation), then continues to rotate an additional 45° . What is the total angle of rotation?

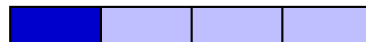
7) Sam has a ribbon $\frac{6}{8}$ yard long. He cuts it into two equal pieces. Each piece is:

- A. $\frac{2}{8}$ yard C. $\frac{4}{8}$ yard
 B. $\frac{3}{8}$ yard D. $\frac{6}{8}$ yard

8) A chocolate bar is divided into 5 equal pieces. Ming eats 4 pieces. What fraction of the bar did Ming eat?

- A. $\frac{4}{5}$ C. $\frac{5}{4}$
 B. $\frac{1}{4}$ D. $\frac{1}{5}$

9) What is $\frac{4}{4} - \frac{1}{4}$?



Remove $\frac{1}{4}$ (dark)
Leaves ?

- A. $\frac{3}{4}$ C. $\frac{7}{4}$
 B. $\frac{3}{8}$ D. $\frac{1}{4}$



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1) The school cafeteria served 1,250 lunches last month. What is the value of the digit 2 in this number?

A. 2

B. 20

C. 200

D. 2,000

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2) Which shows the four correct partial products for 24×19 ?

$20 \times 10 = 200$	$4 \times 10 = 40$
$20 \times 9 = 180$	$4 \times 9 = 36$

A.

$20 \times 19 = 380$	$4 \times 19 = 76$
20	4

B.

$20 \times 10 = 200$	$4 \times 19 = 76$
$20 \times 9 = 180$	$4 \times 10 = 40$

C.

$20 \times 10 = 200$	$4 \times 10 = 40$
$20 \times 9 = 180$	$4 \times 8 = 32$

D.



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1) Subtract: $6,320 - 1,485 = ?$

A. 4,835

C. 4,935

B. 5,835

D. 5,935

2) Which does NOT correctly decompose $\frac{8}{10}$?

A. $\frac{4}{10} + \frac{4}{10}$

C. $\frac{2}{10} + \frac{5}{10}$

B. $\frac{3}{10} + \frac{5}{10}$

D. $\frac{1}{10} + \frac{7}{10}$

3) A serving of pasta is $\frac{1}{3}$ pound. How much pasta is in 6 servings?

A. $\frac{1}{18}$ pound

C. $\frac{6}{18}$ pound

B. $\frac{6}{3}$ pounds (or 2 pounds)

D. $\frac{1}{2}$ pound

4) A baker divides 540 cookies equally among 6 friends. How many cookies does each friend receive?

A. 80

C. 90

B. 95

D. 85

5) What is 29×12 ?

A. 406

C. 464

B. 522

D. 348



6) How many times as many counters are in Group B as in Group A?



- A. 2 times as many
- B. 8 times as many
- C. 6 times as many
- D. 4 times as many
- 7) Add: $\frac{2}{10} + \frac{35}{100}$. Express your answer as a fraction with denominator 100.

8) Mia measures a piece of string as 8 decimeters long. How many centimeters is this?

- A. 0.8
- B. 8
- C. 80
- D. 800
- 9) Round 93,847 to the nearest hundred.
- A. 94,000
- B. 93,850
- C. 93,900
- D. 93,800
- 10) Which of these letters does **not** have a line of symmetry?

- A. *M*
- B. *O*
- C. *T*
- D. *Z*



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& answers

Practice Test Answer Keys

How to use this section with a Grade 4 student:

1. check the answer first
2. mark questions to try again
3. rework the problem before reading the full explanation

A calm correction routine turns every missed item into useful practice.

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Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- Choice A is correct.** **4.3(C)** Roughly four columns (out of 10) are shaded. That's about 40 out of 100 squares: $\frac{40}{100} = 0.40 = 0.4$.
- Choice B is correct.** **4.3(B)** Check each: $\frac{4}{10} < \frac{1}{2}$ (4 tenths), $\frac{3}{8} < \frac{1}{2}$ (3 eighths), $\frac{5}{8} > \frac{1}{2}$ (5 eighths), $\frac{6}{10} > \frac{1}{2}$ (6 tenths). Both B choices are greater.
- Choice C is correct.** **4.4(E)** Test each: 32 is even (so divisible by 2); $35 = 5 \times 7$; $39 = 3 \times 13$. Only 37 has no factors besides 1 and itself—**prime!**
- Choice C is correct.** **4.9(B)** Step 1: Check each. Step 2: $4 \times \frac{1}{6}$ should give $\frac{4}{6}$, not $\frac{4}{12}$. That's the wrong one!
- Choice D is correct.** **4.2(D)** We're rounding to the nearest thousand. Look at the hundreds digit: 8. Since $8 \geq 5$, we round UP! The thousands digit changes from 6 to 7, so the answer is **57,000**. ✓
- The correct answer is 135.** **4.7(E)** The hand rotates in two steps. Add both angles: $90^\circ + 45^\circ = 135^\circ$.
- Choice B is correct.** **4.3(A)** Sam's ribbon is $\frac{6}{8}$ yard. Cut into two equal pieces means each piece is half: $\frac{6}{8} \div 2 = \frac{3}{8}$. ✓
- Choice A is correct.** **4.9(B)** Since the bar is divided into 5 equal pieces, each piece is $\frac{1}{5}$. Ming ate 4 pieces, which equals $4 \times \frac{1}{5} = \frac{4}{5}$ of the bar.
- Choice A is correct.** **4.3(A)** The bar shows all 4 parts shaded (light blue). The dark part ($\frac{1}{4}$) is removed. What's left: $4 - 1 = 3$ fourths, or $\frac{3}{4}$.
- Choice C is correct.** **4.8(C)** Maria runs one lap of 400 meters three times. Multiply to find the total: $3 \times 400 = 1,200$ meters. That's **1,200** meters in all!
- Choice C is correct.** **4.3(A)** Add the wholes: $4 + 1 = 5$. Add the fractions: $\frac{1}{6} + \frac{4}{6} = \frac{5}{6}$. The sum is **5 $\frac{5}{6}$** .
- Choice B is correct.** **4.7(E)** If three equal angles divide a circle: $360^\circ \div 3 = 120^\circ$ per angle.
- Choice A is correct.** **4.4(A)** Subtract by place value: no regrouping is needed. The answer is **32,324**.
- Choice D is correct.** **4.8(B)** Since 1 cup = 16 tablespoons, multiply: $3 \times 16 = 48$ tablespoons. The answer is **48** tablespoons.
- Choice C is correct.** **4.7(C)** Obtuse angles are wider than right angles but not quite flat. Since 150° is between 90° and 180° , it fits the obtuse definition perfectly. The answer is obtuse.
- Choice B is correct.** **4.4(E)** Remember: even numbers end in 0, 2, 4, 6, or 8. Check each list: choice A has 5 and 11 (odd), choice C has 3, 9, 15 (odd), choice D has 1, 3, 5 (odd). Only choice B—4, 8, 12, 16, 20—has every term ending in an even digit, so every term is even. ✓
- Choice B is correct.** **4.7(E)** Angle 2 has a larger opening, making it the wider angle. Compare how far apart the rays spread from the vertex.
- The correct answer is A, D.** **4.3(C)** Option A: Convert $\frac{3}{10} = \frac{30}{100}$, so $\frac{30}{100} + \frac{40}{100} = \frac{70}{100}$ (true). Option D: Divide by 10 to get $\frac{20}{100} = \frac{2}{10}$ (true). The others are false: B is reversed (7 tenths < 65 hundredths), C is wrong ($\frac{5}{10} = \frac{50}{100}$, not $\frac{5}{100}$), and E is very wrong ($\frac{1}{10} \neq 1$).
- Choice C is correct.** **4.6(D)** A trapezoid has exactly one pair of parallel sides. The green arrows in the figure mark this single pair of parallel sides, confirming the figure is a trapezoid. The answer is **C**.
- Choice B is correct.** **4.3(E)** Leo's total: $\frac{6}{4}$. Sam's total: $\frac{4}{4} = 1$. Chris's total: $\frac{9}{4}$. Sam has the shortest length.
- Choice D is correct.** **4.6(B)** A regular triangle means an equilateral triangle with three equal sides and angles. Three fold lines (each from a corner to the middle of the opposite side) create balance. The answer is **3** lines of symmetry.
- Choice D is correct.** **4.5(A)** Two steps! Step 1: find the total students. $4 \times 28 = 112$ students. Step 2: equal groups of 7 means divide: $112 \div 7 = 16$ groups.
- Choice D is correct.** **4.2(B)** The hundred-thousands and ten-thousands match. Hundreds place: $100 < 200$, so $345,100 < 345,200$. ✓



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★

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- **Energy:** HIGH! You can finish a long test.
- **Smart Plays:** You know lots of strategies.
- **Calm Head:** You stay cool with hard problems.
- **Game-Day Ready:** You feel strong and prepared.

Coach's tip: the night before the test, get good sleep. Eat a good breakfast. Bring a sharp pencil. Trust your training!

If you want to share something or ask a question, please email me at jay@testinar.com.

Jay Daie

Your Math Coach

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This **Grade 4 Math Practice Tests** book is designed to help students strengthen essential math skills, build confidence, and develop the problem-solving abilities needed for classroom success and test readiness.

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